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[Continued on next page]

(54) Title: SPF1-RELATED TRANSCRIPTION FACTORS

SEQ ID NO:06 MASSTGGLDH-----GFTF-TPPPFITSFTELLSGGGGDLGAGGEERSPRGFSRGG
SEQ ID NO:08 MASSTGGLDH-----GFTF-TPPPFITSFTELLSGGGGDLGAGGEERSPRGFSRGG
SEQ ID NO:10 MASSGSLDTSANSEFTNFTFTHPMTTSFSDLLASP-----LDNNKPPQGGGL-----S
SEQ ID NO:13 MAASSGTIDAPTASSSFS---FSTASSFMSSFTDLLASD----AYSGGSVSRGLG-DRIA
1 60

SEQ ID NO:06 ARVGGGVPKFKSAQPPSLPLSPPPVSPSSYFAIPPGLSPTTELLDSPVLLSSSHILAFPTT
SEQ ID NO:08 ARVGGGVPKFKSAQPPSLPLSPPPVSPSSYFAIPPGLSPTTELLDSPVLLSSSHILASPTT
SEQ ID NO:10 ERTGSGVPKFKSTPPPSLPLSPPPISPSYFAIPPGLSPAELLDSPVLLNSSLNLPSPPT
SEQ ID NO:13 ERTGSGVPKFKSLPPPSLPLSPPAVSPSSYFAFPGLSPSELDSPVLLSSSNILPSPTT
61 120

SEQ ID NO:06 GAIPAQRYDWKASA---DLIASQQDDSRGDFSHTNSDAMAAQPASFPS-----
SEQ ID NO:08 GAIPAQRYDWKASA---DLIASQQDDSRGDFSHTNSDAMAAQPASFPS-----
SEQ ID NO:10 GAFVAQSFNWKSSSGGNQIVKEEDKSFNSFSQTRSGPPASSTATYQSSNVTVQTQPPW
SEQ ID NO:13 GTFPAQTFNWKNSNASQEDVKQEEKGYPDFSFQT-----NSASMTLN-----
121 180

SEQ ID NO:06 -FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:08 -FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:10 SFQEATKQDNFSSGKGMMKTENSSSMQSFSPFIASVQ-TNHSNGFQSDYGNYP----PQS
SEQ ID NO:13 -YEDSKRKDELNS-----LQSLPPVTTSTQMSSQNNG--GSYSEYNNQCCPPS
181 240

(57) Abstract: This invention relates to an isolated nucleic acid fragment encoding an SPF1-related transcription factor. The invention also relates to the construction of a chimeric gene encoding all or a portion of the SPF1-related transcription factor, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the SPF1-related transcription factor in a transformed host cell.

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